

Hwu, June

From: Hwu, June
Sent: Thursday, May 24, 2001 11:49 AM
To: STIC-ILL
Subject: Please forward the following references.

11/9/100 (Item 31 from file: 5)
DIALOG(R)File 5:BIOSIS Previews(R)
(c) 2001 BIOSIS. All rts. reserv.

01267712 BIOSIS NO.: 000010007945
ON THE *BREEDING* BEHAVIOR OF THE *NEW*-*GUINEA* *IMPATIENS*-SPP
AUTHOR: ARMSTRONG R J
JOURNAL: HORTSCIENCE 8 (3). 1973 269 1973
FULL JOURNAL NAME: Hortscience
CODEN: HJHSA
DOCUMENT TYPE: Meeting
RECORD TYPE: Citation
DESCRIPTORS: ABSTRACT FLOWERING
CONCEPT CODES:
03504 Genetics and Cytogenetics-Plant
51512 Plant Physiology, Biochemistry and Biophysics-Reproduction
53010 Horticulture-Flowers and Ornementals
BIOSYSTEMATIC CODES:
25620 Balsaminaceae
BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA):
Plants
Vascular Plants
Spermatophytes
Angiosperms
Dicots
09473386

1465707 BIOSIS NO.: 000058035693
BREEDING BEHAVIOR AND CHROMOSOME NUMBERS AMONG *NEW*-*GUINEA* AND *JAVA*
IMPATIENS-SPP CULTIVATED VARIETIES AND THEIR INTERSPECIFIC *HYBRIDS*
AUTHOR: BECK A R; WEIGLE J L; KRUGER E W
JOURNAL: CAN J BOT 52 (5). 1974 923-925; 1974
FULL JOURNAL NAME: Canadian Journal of Botany
CODEN: CJBOA
RECORD TYPE: Citation
DESCRIPTORS: *IMPATIENS*-HOLSTII CHROMOSOME MORPHOLOGY PLOIDY
CONCEPT CODES:
02504 Cytology and Cytochemistry-Plant
03504 Genetics and Cytogenetics-Plant
50526 Botany, General and Systematic-Dicotyledones
50528 Botany, General and Systematic-Floristics and Distribution
51000 Morphology, Anatomy and Embryology of Plants
53010 Horticulture-Flowers and Ornementals
BIOSYSTEMATIC CODES:
25620 Balsaminaceae
BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA):
Plants
Vascular Plants
Spermatophytes
Angiosperms
Dicots
09473386

IALOG(R)File 5:Biosis Previews(R)
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07350548 BIOSIS NO.: 000039134860

IMPROVEMENT OF *NEW* *GUINEA* *IMPATIENS* BY INTERSPECIFIC *HYBRIDIZATION*

AUTHOR: STEPHENS L C; FRUTH R L

AUTHOR ADDRESS: DEP. HORTIC., IOWA STATE UNIV., AMES, IA. 50011, USA.

JOURNAL: 87TH ANNUAL MEETING OF THE AMERICAN SOCIETY FOR HORTICULTURAL
SCIENCE, TUCSON, ARIZONA, USA, NOVEMBER 4-8, 1990. HORTSCIENCE 25 (9).

1990. 1177. 1990

CODEN: HJHSA

DOCUMENT TYPE: Meeting

RECORD TYPE: Citation

LANGUAGE: ENGLISH

DESCRIPTORS: ABSTRACT *IMPATIENS*-*HAWKERI* *IMPATIENS*-*PLATYPETALA*

IMPATIENS-*AURANTIACA PLANT HEAT TOLERANCE STERILITY *BREEDING* CROP

INDUSTRY AGRICULTURE

CONCEPT CODES:

03504 Genetics and Cytogenetics-Plant

10618 External Effects-Temperature as a Primary Variable-Hot (1971-)

51503 Plant Physiology, Biochemistry and Biophysics-Temperature

51512 Plant Physiology, Biochemistry and Biophysics-Reproduction

53010 Horticulture-Flowers and Ornamentals

00520 General Biology-Symposia, Transactions and Proceedings of
Conferences, Congresses, Review Annuals

BIOSYSTEMATIC CODES:

25620 Balsaminaceae

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA):

Plants

Vascular Plants

Spermatophytes

Angiosperms

Dicots

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11/9/80 (Item 11 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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08665127 BIOSIS NO.: 199345083202

Inheritance of qualitative traits in *New* *Guinea* *impatiens*.

AUTHOR: Ouene Robert-Jan W; Strefeler Mark S

AUTHOR ADDRESS: Univ. Minn., Dep. Horticultural Sci., 305 Alderman Hall,
1970 Folwell Ave., St. Paul, MN 55108**USA

JOURNAL: Hortscience 28 (5):p190-191 1993

CONFERENCE/MEETING: 90th Annual Meeting of the American Society for
Horticultural Science Nashville, Tennessee, USA July 24-29, 1993

ISSN: 0018-5345

RECORD TYPE: Citation

LANGUAGE: English

DESCRIPTORS:

MAJOR CONCEPTS: Genetics; Horticulture (Agriculture); Morphology

BIOSYSTEMATIC NAMES: Balsaminaceae--Dicotyledones, Angiospermae,
Spermatophyta, Plantae; Plantae-Unspecified--Plantae

ORGANISMS: plant (Plantae - Unspecified); Balsaminaceae (Balsaminaceae)

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): angiosperms; dicots; plants;
spermatophytes; vascular plants

INDUSTRY: crop industry

MISCELLANEOUS TERMS: ABSTRACT; AGRICULTURE; *BREEDING*; FLOWER COLOR;
FLOWER SIZE; HERITABILITY; LEAF COLOR; VARIEGATION

CONCEPT CODES:

03504 Genetics and Cytogenetics-Plant

51000 Morphology, Anatomy and Embryology of Plants
53010 Horticulture-Flowers and Ornamentals
00520 General Biology-Symposia, Transactions and Proceedings of
Conferences, Congresses, Review Annuals
51510 Plant Physiology, Biochemistry and Biophysics-Growth,
Differentiation
51512 Plant Physiology, Biochemistry and Biophysics-Reproduction
BIOSYSTEMATIC CODES:
25620 Balsaminaceae

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11/9/63 (Item 36 from file: 10)
DIALOG(R)File 10:AGRICOLA
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719387 759086575
Phenotypic analysis of progenies of artificial and natural amphiploid
cultivars of *New* *Guinea* and Indonesian species of *Impatiens* L. [
Breeding]
Arisumi, T
J Am Soc Hortic Sci July 1975 100 (4): 381-383.
LC: 81 SO12
Language: English
Document Type: ARTICLE
Section Headings: 4025 Plant Genetics and *Breeding* (1972-79)

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11/9/61 (Item 34 from file: 10)
DIALOG(R)File 10:AGRICOLA
(c) format only 2001 The Dialog Corporation. All rts. reserv.

935647 779042286
Introduction and *breeding* of the *New* *Guinea* *Impatiens* [in the
United States]
Armstrong, R J
Bull Am Assoc Bot Gard Arboreta Apr 1976 10 (2): 36-38.
LC: QK1.A45
Language: English
Subfile: OTHER US;
Document Type: ARTICLE
United States
Section Headings: 4025 Plant Genetics and *Breeding* (1972-79)
09473386

1/9/54 (Item 27 from file: 10)
DIALOG(R)File 10:AGRICOLA
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1675996 80039623 Holding Library: AGL
Chromosome numbers and comparative *breeding* behavior of certain
Impatiens from Africa, India, and *New* *Guinea*
Arisumi, T.
AR-BARC
Mount Vernon, Va., , The Society.
Journal of the American Society for Horticultural Science.American
Society for Horticultural Science. v. 105 (1) , Jan 1980. p. 99-102.
iii.
ISSN: 0003-1062
NAL: 81 SO12
Language: ENGLISH

12 ref.
Subfile: OTHER US (NOT EXP STN, EXT, USDA; SINCE 12/76);
Document Type: ARTICLE
Geographic Location: Africa; India; *New* *Guinea*
Section Headings: F200 PLANT *BREEDING*
09473386

IALOG(R)File 10:AGRICOLA
(c) format only 2001 The Dialog Corporation. All rts. reserv.

2718922 87071371 Holding Library: AGL
In vitro pollen germination and viability of a *Java* X *New* *Guinea*
Impatiens interspecific *hybrid*
Hicks, C.B. Stephens, L.C.; Weigle, J.L.
Ottawa, Ont. : National Research Council of Canada.
Canadian journal of botany = Journal canadien de botanique. Sept 1987. v.
65 (9) p. 1967-1968.
ISSN: 0008-4026 CODEN: CJBOAW
DNAL CALL NO: 470 C16C
Language: English Summary Language: French
Includes references.
Subfile: OTHER FOREIGN;
Document Type: Article
DESCRIPTORS: *impatiens*; interspecific *hybridization*; in vitro;
pollen germination; pollen viability;
Section Headings: F200 PLANT *BREEDING*
09473386

11/9/27 (Item 27 from file: 203)
DIALOG(R)File 203:AGRIS
Dist by NAL, Intl Copr. All rights reserved. All rts. reserv.

00265583 AGRIS No: 80-560691
Pollen fertility in *Java* x *New* *Guinea* *Impatiens* interspecific
hybrids [herbaceous ornamentals]
Pasutti, D.W. (Iowa State University, Ames, 1A 50011 (USA)); Weigle,
J.L.
Journal: Canadian Journal of Botany, 1980, v. 58(3) p. 384-387
Notes: 12 ref., 1 fig.
Language: English Summary Language: French
Place of Publication: Canada
Document Type: Journal Article, Summary
Journal Announcement: 0610 Record input by Canada
Descriptors: Herbaceous ornamentals - other; Pollen
Section Headings: F60 (PLANT PRODUCTION -- Plant physiology and
biochemistry)
09473386

Thank you.

June Hwu
Patent Examiner
Art Unit 1661
CM1,9c01, Mail Box 9e12
703-308-5017

CODEN: JOSHB
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

8/3/1 (Item 1 from file: 203)

DIALOG(R) File 203:AGRIS

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01244114 AGRIS No: 88-001829

Growth regulators affect in vitro propagation of two *interspecific*

Impatiens *hybrids*

Han, K. (Iowa State Univ., Ames (USA). Dept. of Horticulture); Stephens,
L.C.

Journal: Scientia Horticulturae, 1987, v. 32(3) p. 307-313

Language: English Summary Language: English